

Amendments

In accordance with 37 CFR §1.121, please amend the above-identified application as set forth below.

Amendments to the Claims

Please amend the claims as set forth below.

1. (Currently Amended) An inclining trailer, comprising:

a bed;

a hitch attached to said bed;

at least one wheel support arm having a first end in direct pivotal engagement with said bed and a second end ~~operatively engaged~~ being in direct pivotal engagement with an axle for a wheel;

said at least one support arm having a first position relative to said bed wherein said bed is substantially level and said at least one support arm having at least one other position wherein said bed is inclined;

an actuator, said actuator being engaged with said at least one support arm and with said bed such that said actuator mediates travel of said support arm between said first position and said at least one other position, and

a connecting link, said connecting link connecting said at least one support arm to at least one other support arm, said connection being away remote from the axle of at least one wheel, said at least one other support arm being on the same side of the trailer as said at least one support arm, said connecting link moving said at least one other support arm between a first and second position when said at least one support arm is moved between said first position and said second position.

2. (Original) The trailer according to claim 1, wherein said hitch is a tongue-type hitch.
3. (Original) The trailer according to claim 1, wherein said hitch is a gooseneck-type hitch.
4. (Original) The trailer according to claim 1, wherein a portion of said bed forms a reverse beaver tail.
5. (Original) The trailer according to claim 1, wherein said actuator is a pneumatic actuator.
6. (Original) The trailer according to claim 1, wherein said actuator is a linear drive motor.
7. (Original) The trailer according to claim 1, wherein said actuator is a hydraulic actuator.
8. (Previously Presented) The trailer according to claim 7, further comprising a hydraulic pump operatively mounted on said bed.
9. (Previously Presented) An inclining trailer having a front and a rear, comprising:
 - a frame having a first side member, a second side member, and at least one cross-member interconnecting said first side member and said second side member;
 - a hitch attached to said frame at the front;
 - a rotating member pivotally connected to said frame between the front and the rear, said rotating member having a first end, and a second end;

a first wheel support arm operatively connected directly to said first end of said rotating member, said first wheel support arm having a proximate end and a distal end;

a second wheel support arm attached to said second end of said rotating member, said second wheel support arm having a proximate end and a distal end;

an axle located at said distal end of each wheel support arm;

a wheel operatively connected to each axle;

an actuator for rotating said rotating member, said actuator operatively engaged with at least one of said wheel support arms and with said frame, whereby said frame is correspondingly inclined or declined;

at least one shoe for ground engagement located vertically below said frame and longitudinally between said wheels and the front, and

a connecting link, said connecting link connecting said at least one support arm to at least one other support arm, said connection being away from the axle of at least one wheel, said at least one other support arm being on the same side of the trailer as said at least one support arm, said connecting link moving said at least one other support arm between a first and second position when said at least one support arm is moved between said first position and said second position.

10. (Original) The trailer according to claim 9, wherein said at least one shoe is operatively connected to said frame.

11. (Original) The trailer according to claim 9, wherein said at least one shoe is integral with at least one of said first and second wheel support arms.

12. (Original) The trailer according to claim 9, wherein said at least one shoe is operatively connected to said rotating member.

13. (Previously Presented) An inclining and elevating trailer having a front and a rear, comprising:

- a frame having a first side member, a second side member, and at least one cross-member interconnecting said first side member and said second side member;

- a hitch pivotally attached to said frame at the front;

- a rotating member pivotally connected to said frame between the front and the rear, said rotating member having a first end and a second end;

- a first wheel support arm operatively connected directly to said first end of said rotating member, said first wheel support arm having a proximate end and a distal end;

- a second wheel support arm operatively connected to said second end of said rotating member, said second wheel support arm having a proximate end and a distal end;

- an axle located at said distal end of each wheel support arm;

- a wheel operatively connected to each axle;

- at least one actuator operatively connected to one of said wheel support arms for rotating said rotating member, whereby said frame and said bed are correspondingly elevated, inclined or declined, and

- a connecting link, said connecting link connecting said at least one support arm to at least one other support arm, said connection being away from the axle of at least one wheel, said at least one other support arm being on the same side of the trailer as said at least one support arm,

said connecting link moving said at least one other support arm between a first and second position when said at least one support arm is moved between said first position and said second position.

14. (Original) The trailer according to claim 13, wherein said hitch is a tongue-type hitch.

15. (Original) The trailer according to claim 13, wherein said hitch is a gooseneck-type hitch.

16. - 23. (Cancelled)

24. (Previously Presented) A trailer comprising:

a frame;

two wheels on each side of said frame, each wheel being mounted on a wheel support arm at a first end portion of said wheel support arm, and said wheel support arm being pivotally mounted to the frame at a second end portion of said wheel support arm:

an extension on each of said wheel support arms on at least one side of said frame;

a connecting link pivotally attached at each end portion of said connecting link to each of said extensions on said support arms on at least one side of said frame;

an actuator mounted to said frame, said actuator being ~~operatively engaged~~ pivotaly attached with said connecting link such that actuation of movement of said connecting link, through said connecting link's pivotal attachment with said support arm extensions, changes a position of said frame relative to said wheels.

25. (Previously Presented) The trailer of claim 24 wherein said actuator is hydraulic.
26. (Previously Presented) The trailer of claim 24 wherein said actuator is pivotally engaged with one of said end portions of said connecting link.
27. (Previously Presented) The trailer of claim 24 wherein said actuator is pivotally engaged with one of said extensions of said support arms.
28. (New) A trailer comprising:
- a frame;
 - two wheels on each side of said frame, each wheel being mounted on a wheel support arm at a first end portion of said wheel support arm, and said wheel support arm being pivotally mounted to the frame at a second end portion of said wheel support arm:
 - an extension on each of said wheel support arms on at least one side of said frame;
 - a connecting link having two ends, said first end being pivotally attached to one of said extensions of said support arms and said second end of said connecting link being pivotally attached to a lever arm;
 - said lever arm being pivotally attached to the second of said support arms at an opposing end of said lever arm;
 - an actuator mounted to a bracket on said frame, said actuator being pivotally attached to said lever arm such that actuating movement of said actuator is transferred through said lever

arm and said connecting link to each of said support arms to change a position of said frame relative to said wheels.

29. (New) The trailer of claim 28 wherein each of said two wheel support arms, said connecting link and said lever arm are in substantially the same vertical plane on each of the two sides of the trailer.

30. (New) The trailer of claim 28 wherein a rearward wheel support arm on each side of the trailer rotates through a greater degree of rotational travel than a said front support arm when said trailer bed is moved from a substantially level traveling position to a substantially inclined position.

31. (New) The trailer of claim 28 further comprising a hitch, said hitch being in fixed relation to said bed such that movement of said bed from a substantially level position to a substantially inclined position rotates substantially around a pivot point defined by the trailer hitch attachment to a vehicle hitch.